

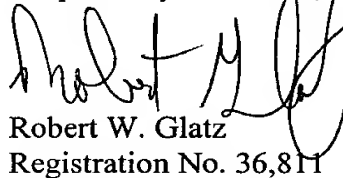
In re: David John Hollick
International Appl. No. PCT/GB00/00747
International Filing Date: March 2, 2000
Page 7

REMARKS

Please enter this amendment prior to the calculation of the filing fee. The above amendments are made to place the specification including the claims in a form consistent with United States practice. The amendments to Claims 1-3 and 5-12 do not change the scope of the claims previously pending before the PCT nor are they made for purposes related to patentability but are merely style changes.

Applicants note that the amendments to Claims 1-3 and 5-12 above are based on the claims as they stood at the time of issuance of the International Preliminary Examination Report (IPER) completed March 5, 2001, a copy of which is submitted herewith, which is the same as the form in which they were originally filed.

Respectfully submitted,



Robert W. Glatz
Registration No. 36,811

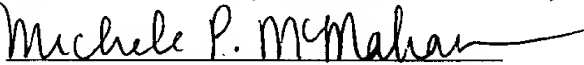
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Michele P. McMahan

Date of Signature: September 11, 2001

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Version With Markings to Show Changes

IN THE SPECIFICATION:

On page 1, at line 2 (after the title), please insert the following text:

-- RELATED APPLICATIONS

The present application is a National Phase application of PCT/GB00/00747 filed on March 2, 2000 and published in English, which claims priority from Application GB 9905505.5 filed on March 11, 1999.

FIELD OF THE INVENTION--

On page 1, at line 4 (between the first and second paragraph (before "Electrical connectors")), please insert the following centered text:

--BACKGROUND OF THE INVENTION--

On page 1, at line 19 (before "There has now been devised"), please insert the following centered text:

--SUMMARY OF THE INVENTION--

On page 3, at line 14 (before "The invention will now"), please insert the following centered text:

--BRIEF DESCRIPTION OF THE DRAWINGS--

On page 4, at line 4 (before the phrase "Referring first"), please insert the following centered text:

--DETAILED DESCRIPTION OF THE ILLUSTRATED EMBODIMENTS--

On page 5, at line 13, please insert the following:

-- The foregoing is illustrative of the present invention and is not to be construed as limiting thereof. Although a few exemplary embodiments of this invention have been described, those skilled in the art will readily appreciate that

many modifications are possible in the exemplary embodiments without materially departing from the novel teachings and advantages of this invention. Accordingly, all such modifications are intended to be included within the scope of this invention as defined in the claims. In the claims, means-plus-function clauses are intended to cover the structures described herein as performing the recited function and not only structural equivalents but also equivalent structures. Therefore, it is to be understood that the foregoing is illustrative of the present invention and is not to be construed as limited to the specific embodiments disclosed, and that modifications to the disclosed embodiments, as well as other embodiments, are intended to be included within the scope of the appended claims. The invention is defined by the following claims, with equivalents of the claims to be included therein.--

IN THE ABSTRACT:

Please replace the Abstract at page 8 with the following Abstract:

[Abstract

An electrical connector comprises a connector body (10) with a tubular socket (12) having to receive an electrical conductor (30). Clamping means (15) are arranged to secure the electrical conductor (30) within the socket (12). A socket insert (20) fits within the socket (12) so as to reduce the effective size of the socket (12). The socket insert (20) is tubular and is adapted to be deformed by the clamping means (15) into retaining engagement with the electrical conductor (30).]

--ELECTRICAL CONNECTOR WITH DEFORMABLE INSERT

ABSTRACT OF THE DISCLOSURE

Electrical connectors are provided including a connector body with a tubular socket to receive an electrical conductor. A clamping means is arranged to secure the electrical conductor within the socket. A socket insert fits within the socket so as to reduce the effective size of the socket. The socket insert is tubular and is adapted to be deformed by the clamping means into retaining engagement with the electrical

conductor--

IN THE CLAIMS:

Please replace Claims 1-3 and 5-12 with the following.

1. (Amended) An electrical connector comprising a connector body [with] including a tubular socket configured to receive[, in use,] an electrical conductor, clamping means arranged to secure the electrical conductor within the socket, and a socket insert fitting within the tubular socket so as to reduce the effective size of the socket, wherein the socket insert is tubular and is adapted to be deformed by the clamping means into retaining engagement with the electrical conductor.
2. (Amended) A connector as claimed in Claim 1, wherein the socket insert is [of] aluminum.
3. (Amended) A connector as claimed in Claim 1 [or Claim 2], wherein the socket insert [is formed with] has at least one of a castellated or corrugated profile.
5. (Amended) A connector as claimed in [any preceding claim] Claim 1, wherein [the] an internal surface of the tubular socket insert [is provided with] has at least one of serrations or tooth-like formations.
6. (Amended) A connector as claimed in [any preceding claim] Claim 1, wherein the socket is a bore of substantially circular cross-section.
7. (Amended) A connector as claimed in [any preceding claim] Claim 1, wherein the clamping means comprises [one or more] at least one clamping [bolts]

bolt held in respective threaded bores in the connector body such that [they extend] the at least one clamping bolt extends into the socket so as to clamp, via the socket insert, a connector inserted [therein] in the socket against [the] an opposing surface of the socket.

8. (Amended) A connector as claimed in Claim 7, wherein the [bolts have shearable heads with shear] the at least one clamping bolt includes a shearable head that shears off when [the applied] a torque applied to the at shearable head exceeds a predetermined value.

9. (Amended) A socket insert for an electrical connector having a socket in which, in use, an electrical conductor is received, the socket insert [being] comprising a tubular and deformable member[, and] having a at least one of a castellated or corrugated profile.

10. (Amended) A socket insert as claimed in Claim 9[, which is of] wherein the socket insert comprises aluminum.

11. (Amended) A socket insert as claimed in Claim 9 [or Claim 10, which] wherein the socket insert has a castellated profile.

12. (Amended) A socket insert as claimed in [any one of Claims 9 or 11] Claim 9, wherein [the] an internal surface of the tubular socket insert [is provided with] includes at least one of serrations or tooth-like formations.

Please add the following new claims.

13. (New) An electrical connector comprising:
a connector body defining a socket therein;
a clamping member coupled to the connector body adapted to secure an

electrical conductor within the socket; and

a socket insert positioned within the socket adjacent the clamping member, the socket insert being configured to be deformed by the clamping member into retaining engagement with the electrical conductor within the socket.

14. (New) The electrical connector of Claim 13 wherein the socket insert is substantially tubular.

15. (New) The electrical connector of Claim 14 wherein the socket insert has a castellated profile.

16. (New) The electrical connector of Claim 14 wherein the socket insert has a corrugated profile.

17. (New) The electrical connector of Claim 14 wherein the electrical conductor is received within the tubular socket insert to position the socket insert between the clamping member and the electrical connector and between an opposing surface of the socket relative to the clamping member and the electrical conductor.

18. (New) The electrical connector of Claim 17 wherein an internal surface of the socket insert includes at least one of serrations or tooth-like formations.

19. (New) The electrical connector of Claim 13 wherein the socket insert comprises aluminum.

20. (New) The electrical connector of Claim 13 wherein the clamping member comprises at least one bolt, the at least one bolt being positioned in a threaded bore in the connector body.

21. (New) A socket insert for an electrical connector, the socket insert comprising a tubular member configured to be positioned within the electrical connector and to be deformed by a clamping member of the electrical connector into retaining engagement with an electrical conductor within the electrical connector.

22. (New) An electrical connector comprising:
a connector body defining a socket therein;
a clamping member coupled to the connector body adapted to secure an electrical conductor within the socket;
a substantially tubular socket insert positioned within the socket adjacent the clamping member, the socket insert being configured to be deformed by the clamping member into retaining engagement with the electrical conductor within the socket; and
wherein the electrical conductor is received within the tubular socket insert to position the socket insert between the clamping member and the electrical connector and between an opposing surface of the socket relative to the clamping member and the electrical conductor.

23. (New) The electrical connector of Claim 23 wherein the socket insert has at least one of a castellated or corrugated profile.

END